

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (Original) An avian pancreatic polypeptide modified by substitution of at least one amino acid residue, said at least one residue being exposed on the alpha helix domain of the polypeptide when the polypeptide is in a tertiary form.
 2. (Original) The modified polypeptide of claim 1, wherein at least six substituted residues are substituted.
 3. (Original) The modified polypeptide of claim 1, wherein at least eight substituted residues are substituted.
 4. (Original) The modified polypeptide of claim 1, wherein at least ten substituted residues are substituted.
 5. (Original) The modified polypeptide of claim 1, wherein at least twelve substituted residues are substituted.
 6. (Original) The modified polypeptide of claim 1, wherein said at least one substituted residues are selected from any site on a known protein through which interaction with another molecule occurs.
 - 7-11. (Canceled)
 12. (Currently amended) The modified polypeptide of claim 6, wherein the known protein is ~~selected from the group consisting of double minute two, a Bcl-2 protein, protein kinase A, Jun and Fos.~~
 13. (Currently amended) A modified avian pancreatic polypeptide of ~~any of claims 1-6 or through~~ 12, wherein the interaction between the known protein and another molecule is inhibited.
 - 14-18. (Withdrawn)

19. (Currently amended) An isolated avian pancreatic polypeptide modified by substitution of at least one amino acid residue, wherein the polypeptide is selected from the group consisting of:
- (a) an isolated polypeptide comprising the amino acid sequence of SEQ ID NO: ~~8, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33, 34, 35, 36, 37, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 70, 71 or 72;~~
- (b) an isolated polypeptide comprising a fragment of at least twelve (12) amino acids of SEQ ID NO: ~~8, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33, 34, 35, 36, 37, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 70, 71 or 72;~~
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- (c) an isolated polypeptide comprising the amino acid sequence of SEQ ID NO: ~~8, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33, 34, 35, 36, 37, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 70, 71 or 72;~~ comprising wherein the polypeptide has one or more conservative amino acid substitutions in SEQ ID NO: 23, and is at least 65% identical to SEQ ID NO: 23;
- (d) an isolated polypeptide comprising the amino acid sequence of SEQ ID NO: ~~8, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33, 34, 35, 36, 37, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 70, 71 or 72;~~ comprising wherein the polypeptide has one or more naturally occurring amino acid substitutions in SEQ ID NO: 23, and is at least 65% identical to SEQ ID NO: 23; and
- (e) an isolated polypeptide with at least ninety-five (95) percent amino acid homology to SEQ ID NO: ~~8, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 33, 34, 35, 36, 37, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 70, 71 or 72;~~ and wherein the polypeptide binds to a Bcl-2 protein.

20-22. (Withdrawn)

23.

23.

(New) The modified polypeptide of claim 12, wherein the known protein is the Bak protein.
